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	Filing Date		2004-09-22	
INFORMATION DISCLOSURE	First Named Inventor	Hyo J	eong HONG	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		1648	
(Not for Submission under 57 of 17 1.33)	Examiner Name	Agnie	szka Boesen	
	Attorney Docket Numb	er	DE1586 (CONF. 9699)	

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r	1	2000-0033008	KR			2000-06-15	Hyo Jeong Hong, et al.			
	2	97/47654	wo			1997-12-18	Yair Reisner, et al.			\boxtimes
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4	1999-008650	KR		1999-02-05	Hyo Jeong Hong, et al.			
5	1999-008649	KR		1999-02-05	Hyo Jeong Hong, et al.		\boxtimes	
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1	TOMOYUKI NAKATANI et al., Humanization of mouse anti-human IL-2 receptor antibody B-B10; Protein Engineering Vol. 7 No. 3 pp. 435-443, 1994							
2	S. STEPHENS et al., Comprehensive pharmacokinetics of a humanized antibody and analysis of residual anti-idiotypic responses; Immunology 85 pp. 668-674, 1995							
3	IAN M. TOMLINSOIN, segments with differen	et al., The repertoir hypervariable loop	re of hum os; J. Mo	nan germline VI I. Biol. 227, pp.	d sequences reveals about 776-798, 1992	fifty groups of VH		
4	JEFFREY V. RAVETCH, et al., Structure of the human immunoglobulin u locus: characterization of embryonic and rearranged J and G genes; Cell, Vol. 27, pp. 583-591, Dec. 1981 (Part 2)						×	
5	JONATHAN P.L. COX, et al., A directory of human germ-line VH segments reveals a strong bias in their usage; Eur. J. Immunol., 24, pp. 827-836, 1994						\boxtimes	
6	MAKOTO IWAHASHI, individual CDRs to ant	et al., CDR substitu gen binding and im	utions of imunoge	a humanized m nicity; Molecula	onoclonal antibody (CC49) r Immunology, 36, pp. 1079	contributions of 0-1091, 1999	×	
7	EDUARDO A. PADLAI 9, pp. 133-139, Januar	N, et al., Identification y 1995	on of spe	ecificity-determi	ning residues in antibodies;	The FASEB Journal, Vol.	\boxtimes	
	5 to ac Cite No 1 2 3 4 5	5 1999-008649 Cite Include name of the a (book, magazine, jou publisher, city and/or 1 TOMOYUKI NAKATAN Vol. 7 No. 3 pp. 435-44 2 S. STEPHENS et al., Coresponses; Immunolog 1 IAN M. TOMLINSOIN, segments with different 1 yearnaged J and G get 1 JONATHAN P.L. COX, Immunol., 24, pp. 827-6 MAKOTO IWAHASHI, individual CDRs to antiticate 1 yearnaged J. PADLAN 1 EDUARDO A. PADLAN 1 EDUARD	5 1999-008649 KR n to add additional Foreign Patent Document NON-PATE Cite Include name of the author (in CAPIT, (book, magazine, journal, serial, symp publisher, city and/or country where p 1 TOMOYUKI NAKATANI et al., Humanizat Vol. 7 No. 3 pp. 435-443, 1994 2 S. STEPHENS et al., Comprehensive pha responses; Immunology 85 pp. 668-674, 2 3 IAN M. TOMLINSOIN, et al., The repertoin segments with different hypervariable loop rearranged J and G genes; Cell, Vol. 27, p 5 JONATHAN P.L. COX, et al., A directory of Immunol., 24, pp. 827-836, 1994 6 MAKOTO IWAHASHI, et al., CDR substitutindividual CDRs to antigen binding and important to the properties of the propertie	1999-008649 KR Into add additional Foreign Patent Document citation NON-PATENT LITE Cite (book, magazine, journal, serial, symposium, publisher, city and/or country where published to Vol. 7 No. 3 pp. 435-443, 1994 2 S. STEPHENS et al., Comprehensive pharmacoking responses; Immunology 85 pp. 668-674, 1995 3 IAN M. TOMLINSOIN, et al., The repertoire of hum segments with different hypervariable loops; J. Mo 4 JEFFREY V. RAVETCH, et al., Structure of the human rearranged J and G genes; Cell, Vol. 27, pp. 583-5 5 JONATHAN P.L. COX, et al., A directory of human Immunol., 24, pp. 827-836, 1994 6 MAKOTO IWAHASHI, et al., CDR substitutions of individual CDRs to antigen binding and immunogeness.	1999-008649 KR 1999-02-05 Into add additional Foreign Patent Document citation information ponce	1999-02-05 Hyo Jeong Hong, et al. 10 add additional Foreign Patent Document citation information please click the Add butto NON-PATENT LITERATURE DOCUMENTS Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when approp (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-is publisher, city and/or country where published. TOMOYUKI NAKATANI et al., Humanization of mouse anti-human IL-2 receptor antibody B-E Vol. 7 No. 3 pp. 435-443, 1994 S. STEPHENS et al., Comprehensive pharmacokinetics of a humanized antibody and analys responses; Immunology 85 pp. 668-674, 1995 IAN M. TOMLINSOIN, et al., The repertoire of human germline VH sequences reveals about segments with different hypervariable loops; J. Mol. Biol. 227, pp. 776-798, 1992 JEFFREY V. RAVETCH, et al., Structure of the human immunoglobulin u locus: characterizal rearranged J and G genes; Cell, Vol. 27, pp. 583-591, Dec. 1981 (Part 2) JONATHAN P.L. COX, et al., A directory of human germ-line VH segments reveals a strong I Immunol., 24, pp. 827-836, 1994 MAKOTO IWAHASHI, et al., CDR substitutions of a humanized monoclonal antibody (CC49) individual CDRs to antigen binding and immunogenicity; Molecular Immunology, 36, pp. 1078 EDUARDO A. PADLAN, et al., Identification of specificity-determining residues in antibodies;	1999-02-05 Hyo Jeong Hong, et al. 1999-02-05 Hyo Jeong Hong, et al. 1999-02-05 Hyo Jeong Hong, et al. 10 add additional Foreign Patent Document citation information please click the Add button NON-PATENT LITERATURE DOCUMENTS Cite No (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. TOMOYUKI NAKATANI et al., Humanization of mouse anti-human IL-2 receptor antibody B-B10; Protein Engineering Vol. 7 No. 3 pp. 435-443, 1994 S. STEPHENS et al., Comprehensive pharmacokinetics of a humanized antibody and analysis of residual anti-idiotypic responses; Immunology 85 pp. 688-674, 1995 IAN M. TOMLINSOIN, et al., The repertoire of human germline VH sequences reveals about fifty groups of VH segments with different hypervariable loops; J. Mol. Biol. 227, pp. 776-798, 1992 JEFFREY V. RAVETCH, et al., Structure of the human immunoglobulin u locus: characterization of embryonic and rearranged J and G genes; Cell, Vol. 27, pp. 583-591, Dec. 1981 (Part 2) JONATHAN P.L. COX, et al., A directory of human germ-line VH segments reveals a strong bias in their usage; Eur. J. Immunol., 24, pp. 827-836, 1994 MAKOTO IWAHASHI, et al., CDR substitutions of a humanized monoclonal antibody (CC49): contributions of individual CDRs to antigen binding and immunogenicity; Molecular Immunology, 36, pp. 1079-1091, 1999 EDUARDO A. PADLAN, et al., Identification of specificity-determining residues in antibodies; The FASEB Journal, Vol.	

/Agnieszka Boesen/

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er de tiber i t	11	STUART RUDIKOFF, et al., Single amino acid substitution altering antigen-binding specificity; Proc. Natl. Acad. Sci. USA, Vol. 79, pp. 1979-1983, March 1982, Immunology					
	10	S.V.S. KASHMIRI, et al., Development of a minimally immunogenic variant of humanized anti-carcinoma monoclonal antibody CC49; Critical Reviews in Oncology/Hematology, 38, pp. 3-16, 2001					
	9	CHUN JEIH RYU, et al., A humanized antibody with specificity for hepatitis B surface antigen; Hum. Antibod. Hybridomas, Vol. 7, 3, pp. 113-122, 1996					
	8	CHUN JEIH RYU, et al., Cloning and sequence analysis of cDNAs encoding the heavy and light chain variable regions of a human monoclonal antibody with specificity for hepatitis B surface antigen; Biochimica et Biophysica Acta, 1380, pp. 151-155, 1998					

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